**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**
**[Electrical Division]**
**Ph: 0674-2541545, 2542921, Fax: 0674-2541543**
**E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com**

## PRICE BID FOR THE WORK UNDER SL. NO :- 05 AS PER IFB

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 6-E TYPE STAFF QUARTERS AT NABARANGAPUR POLICE STATION IN THE DISTRICT OF NABARANGAPUR.**

**BID REF NO.- 41/PM/ELECT/OPHWC/2026-27**

| NAME & ADDRESS OF THE FIRM | |
|---|---|

**SCHEDULE OF WORKS**

| Sl. No. | Description of work | Unit | Qty. | Estimated Cost in Rs. | |
|---|---|---|---|---|---|
| | | | | RATE IN RS. | AMOUNT IN RS. |
| I | CONSTRUCTION OF 11 KV LINE WITH 1 NO. CUT POINT AND 1 NO. TAPPING POINT. | | | | |
| 1 | 9Mtr long 300 Kg PSC Pole | No | 3 | 3630.00 | 10890.00 |
| 2 | RCC Base Plate for support | No | 3 | 361.34 | 1084.02 |
| 3 | Earthing for support (Coil type) | No | 3 | 164.00 | 492.00 |
| 4 | No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing | Kg | 0.79 | 74.00 | 58.16 |
| 5 | H.T. cross ARM V ShaPE for 11KV (GI) 10.5Kg | Nos | 3 | 851.00 | 2553.00 |
| 6 | Back Clamp for 11KV V cross Arm | No | 3 | 140.00 | 420.00 |
| 7 | 11 KV F clamp GI | No | 3 | 135.00 | 405.00 |
| 8 | Disc insulator 70KN polymer | Nos | 9 | 150.00 | 1350.00 |
| 9 | H W fittings 70 KN (3bolted) | Set | 9 | 412.00 | 3708.00 |
| 10 | 11 KV Pin insulator polymer | Nos | 9 | 140.00 | 1260.00 |
| 11 | 80mm2 AAAC insulated Covered Conductor | Km | 0.32 | 62540.00 | 19700.10 |
| 12 | 100x50x6 mm channel for straight Cross arm 1.2mtr Long for bottom channel & 0.206 Mtr Long for Top channel. | Kg | 31.04 | 78.00 | 2421.12 |
| 13 | HT stay set (complete) | Set | 1 | 1434.00 | 1434.00 |
| 14 | Stay insulator | No | 1 | 87.00 | 87.00 |
| 15 | Stay Clamp | Pair | 1 | 260.00 | 260.00 |
| 16 | 7/10 SWG GI stay wire | Kg | 10 | 77.00 | 770.00 |
| 17 | GI Nut , Bolt & Washer of different sizes | Kg | 5 | 74.00 | 370.00 |
| 18 | Danger plate | Set | 3 | 180.00 | 540.00 |
| 19 | Back Clamp for Danger board | No. | 0.9 | 72.00 | 64.80 |
| 20 | GI barbed wire/Anticlimbing device spike type | kg | 9 | 74.00 | 666.00 |
| 21 | Back Clamp for ACD | pair | 3.6 | 72.00 | 259.20 |
| 22 | Fish plate for Supporting LA(50x8mm of Flat,0.97kg/mtr & 0.28Mtr Long for each) | Kg | 1.304 | 72.00 | 93.89 |
| 23 | Black paint | Ltr | 1.00 | 212.77 | 212.77 |
| 24 | Yellow Paint | Ltr | 2 | 212.77 | 425.54 |
| 25 | Sundries | Ls | 1 | 1000.00 | 1000.00 |

| | | | | | |
|---|---|---|---|---|---|
| **A** | **Total Rs.** | | | | **50,524.60** |
| | **A. Sub total** | | | | **50,524.60** |
| **B** | **Stock, Storage & Insurance @ 3% of A** | | | | 1,515.74 |
| **C** | **Sub Total (C=A+B)** | | | | **52,040.34** |
| **D** | **Contingency @3% of C** | | | | **1,561.21** |
| **E** | **T & P 2% of C** | | | | **1,040.81** |
| **F** | **Transportation @ 7.5% of C** | | | | **3,903.03** |
| **G** | **Erection Charges for PSC Pole @ 20%** | | | | **2,243.34** |
| **H** | **Erection Charges of DTR and Joist Poles @ 5%** | | | | |
| **I** | **Erection Charges of other @ 10%** | | | | **4,082.36** |
| **J** | **Sub Total Rs.** | | | | **64,871.09** |
| **H** | **Total** | | | | **64,871.09** |
| 26 | Concreting of support with C.C 1:1:5:3 @ 0.375Cum | No. | 3 | 2991.98 | 8975.95 |
| **27** | Couping with C.C. 1;1:5:3: for Poles=0.1125 | No. | 3 | 748.00 | 2244.00 |
| **28** | Survey of incremental/delta network and asset changes of HT network and updation in GESW database. | Km | 0.10 | 9,633.00 | 963.30 |
| **29** | Cement Concreting for stud pole/stay anchor plate with C.C.1:2:4 as per TPSODL Specification and drawing=0.2cum. | No | 1 | 1,329.77 | 1329.77 |
| | **Total Material + Services Cost (J+K)** | | | | **78,384.11** |
| **II** | **Construction of 3 Ph 5 W LT AB Cable (3x50+1x35+1x16 sq.mm.)=0.06 Km** | | | | |
| **1** | 9 Mtr. Long 300 KG PSC Pole | No | 2 | 3630.00 | 7260.00 |
| **2** | RCC Base plate for PSC Pole | No | 2 | 361.34 | 722.68 |
| **3** | Earthing for support (Coil type) | No | 2 | 164.00 | 328.00 |
| **4** | No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing | Kg | 0.524 | 74.00 | 38.78 |
| **5** | Pole Clamp For Eye hook for XLPE AB Cable. | No | 2 | 240.00 | 480.00 |
| **6** | Eye Hook for XLPE Aerial cable | No | 2 | 217.00 | 434.00 |
| **7** | Dead End Clamp | No | 1 | 75.00 | 75.00 |
| **8** | Suspension Clamp with Eye Hook ABC | No | 1 | 193.00 | 193.00 |
| **9** | LT Stay Set (Complete) | Set | 1 | 350.00 | 350.00 |
| **10** | L.T Stay Insulator | No | 1 | 19.00 | 19.00 |
| **11** | L.T Stay Clamp | No | 1 | 350.00 | 350.00 |
| **12** | 7/12 SWG Stay Wire | Kg | 8 | 79.00 | 632.00 |
| **13** | GI Nut , Bolt & Washer of different sizes | Kg | 2 | 74.00 | 148.00 |
| **14** | 3x50+1x35+1x16 mm2 LT XLPE AB cable | Mtr. | 60 | 186.00 | 11160.00 |
| **15** | Danger Board | No | 2 | 180.00 | 360.00 |
| **16** | Back Clamp for Danger board | Kg | 0.60 | 72.00 | 43.20 |
| **17** | GI barbed wire/Anticlimbing device | Kg | 6 | 74.00 | 444.00 |
| **18** | Back Clamp for ACD | Kg | 2.40 | 72.00 | 172.80 |
| **19** | Black paint | Ltr | 0.5 | 312.40 | 156.20 |
| **20** | Yellow paint | Ltr | 1 | 212.77 | 212.77 |
| **21** | Sundries & minor materials | Ls | 1 | 1000.00 | 1000.00 |
| **22** | **Total Rs.** | | | | **24,579.42** |
| | **A. Sub total** | | | | **24,579.42** |
| **B** | **Stock, Storage & Insurance @ 3% of A** | | | | 737.38 |
| **C** | **Sub Total (C=A+B)** | | | | **25,316.81** |
| **D** | **Contingency @3% of C** | | | | **759.50** |
| **E** | **T & P 2% of C** | | | | **506.34** |

| | | | | | |
|---|---|---|---|---|---|
| **F** | **Transportation @ 7.5% of C** | | | | **1,898.76** |
| **G** | **Erection Charges for PSC Pole @ 20%** | | | | **1,495.56** |
| **H** | **Erection Charges of DTR and Joist Poles @ 5%** | | | | |
| **I** | **Erection Charges of other @ 10%** | | | | **1,783.90** |
| **J** | **Sub Total Rs.** | | | | **31,760.87** |
| **K** | **Total** | | | | **31,760.87** |
| **23** | Cement Concreting for stay anchor plate with C.C. 1:2:4, 0.2Cum @ 6177.92/- | No. | 1 | 1329.77 | 1329.77 |
| **24** | Concreting of support C.C. 1:1:5:3, 0.375Cum@ 6400/-for 9mtr PSC Pole | No. | 2 | 2493.32 | 4986.64 |
| **25** | Survey of incremental/delta network and asset changes of LT network and updation in GESW database. | Km | 0.06 | 9,633.00 | 577.98 |
| **26** | Dismantling of LT line | Mtr | 80 | 23.02 | 1841.60 |
| **27** | Couping with C.C. 1:1:5:3=0.1125 Cu. @ Rs 6400.00 | No. | 2 | 748.00 | 1496.00 |
| | **Total Material + Services Cost (J+K)** | | | | **41,992.86** |
| **III** | **Installation of 100 KVA 11/0.4KV Sub Station - 1 No.** | | | | |
| **1** | 9 Mtr. Long 300 KG PSC Pole | No | 2 | 3,630.00 | 7260.00 |
| **2** | RCC Base plate for PSC Pole | No | 2 | 361.34 | 722.68 |
| **3** | Earthing of support Coil Type | No | 2 | 164.00 | 328.00 |
| **4** | No. 6 GI wire for earthing | Kg | 0.52 | 74.00 | 38.48 |
| **5** | Pressure Channel 100x50x6mm of 2.8Mtr Long 02 Nos | Kg | 51.52 | 78.00 | 4018.56 |
| **6** | AB Switch Mounting Channel75x40x6mm GI | kg | 38.08 | 78.00 | 2970.24 |
| **7** | HG Fuse Mounting Channel75x40x6mm GI | kg | 38.08 | 78.00 | 2970.24 |
| **8** | Cantilever Channel for supporting HG Fuse 75x40x6mm MS Angle 1.5mtr Long 2Nos (6.8Kg/mtr) | Kg | 20.4 | 78.00 | 1591.20 |
| **9** | Angle for cantilever arrangement for HG fuse 50x50x6mm 1.5 mtr long each,2Nos (4.5kg/mtr) with Galvanisation charges | Kg | 13.5 | 78.00 | 1053.00 |
| **10** | Back Clamp for Cantilever Angle | Nos | 4 | 140.00 | 560.00 |
| **11** | Angle for Mounting of LTDB box 50x50x6 mm 3mtr long each ,(4.5kg/Mtr) with Galvanized charges. | Kg | 13.5 | 78.00 | 1053.00 |
| **12** | Channel for AB switch Handle 75x40x6mm, 1Mtr Long 1 No (6.8Kg/mtr) with Galvanized charges. | Kg | 6.8 | 78.00 | 530.40 |
| **13** | Belting channel of 75x40x6 mm, 2.8mtr long 2Nos (6.8kg/mtr) with Galvanized charges. | Kg | 38.08 | 78.00 | 2970.24 |
| **14** | Bracing Angle for 50x50x6mm, 3.5 mtr long each, 2Nos (4.5kg/mtr) with galvanisation Charges. | kg | 25.2 | 78.00 | 1965.60 |
| **15** | 11KV AB switch 3Pole, 200A | Set | 1 | 9,080.00 | 9080.00 |
| **16** | 11KV HG Fuse 3Pole, 200A | Set | 1 | 6,037.00 | 6037.00 |
| **17** | 12KV, 10KA (Station Class-Ii) without Surge counter. | Nos | 3 | 1,960.00 | 5880.00 |
| **18** | LT Distribution Box (GI) for 100KVA S/S | Nos | 1 | 31,086.00 | 31086.00 |
| **19** | 1.1 KV Al 1Cx 150 sq. mm Un-armoured Cable | Mtr | 28 | 162.00 | 4536.00 |
| **20** | 55 SQ. mm AAAC Conductor for DTR Jumping. | Km | 0.04 | 43360.00 | 1734.40 |

| | | | | | |
|---|---|---|---|---|---|
| **21** | 100 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II | No | 1 | 189025 | 189025.00 |
| **22** | GI Pipe for earthing 40mm dia 3mtr long | No | 7 | 1300.00 | 9100.00 |
| **23** | GI Flat 25x4 mm | Kg | 80 | 72.00 | 5760.00 |
| **24** | GI Nut, Bolt & washers of different sizes | Kg | 25 | 74.00 | 1850.00 |
| **25** | HT Stay Set (Complete) | Set | 2 | 1434.00 | 2868.00 |
| **26** | HT Stay Insulator | No. | 2 | 87.00 | 174.00 |
| **27** | HT Stay Clamp(1.95 K.g/Pair) | Pair | 2 | 260.00 | 520.00 |
| **28** | 7/10 SWG Stay Wire | KG | 20 | 77.00 | 1540.00 |
| **29** | Danger Board | Nos | 2 | 180.00 | 360.00 |
| **30** | Back clamp for danger board | Kg | 0.60 | 72.00 | 43.33 |
| **31** | GI barbed wire/Anticlimbing device | kg | 6 | 74.00 | 444.00 |
| **32** | Back Clamp for ACD | Kg | 2.41 | 72.00 | 173.52 |
| **33** | Fish Plate for LA Fixing (50x8mm of Flat ,0.97kg/Mtr & 0.28 mtr Long for each) | Kg | 1.63 | 72.00 | 117.36 |
| **34** | Black colour paint | Ltr | 1 | 212.77 | 212.77 |
| **35** | Yellow paint | Ltr | 2 | 212.77 | 425.54 |
| **36** | Sundries | LS | 1 | 3,500.00 | 3500.00 |
| **37** | | | | **Total Rs.** | **302,498.56** |
| | | | | **A. Sub total** | **302,498.56** |
| **B** | | | | **Stock, Storage & Insurance @ 3% of A** | 9,074.96 |
| **C** | | | | **Sub Total (C=A+B)** | **311,573.52** |
| **D** | | | | **Contingency @3% of C** | **9,347.21** |
| **E** | | | | **T & P 2% of C** | **6,231.47** |
| **F** | | | | **Transportation @ 7.5% of C** | **23,368.01** |
| **G** | | | | **Erection Charges for PSC Pole @ 20%** | 1,495.56 |
| **H** | | | | **Erection Charges of DTR and Joist Poles @ 5%** | 9,734.79 |
| **I** | | | | **Erection Charges of other @ 10%** | **10,940.00** |
| **J** | | | | **Sub Total Rs.** | **372,690.55** |
| **H** | | | | **Total** | **372,690.55** |
| **38** | Concreting of support C:C 1:1:5:3 | No. | 2 | 2,991.98 | 5,983.97 |
| **39** | Couping with C.C. 1;1:5:3: | No. | 2 | 748.00 | 1,496.00 |
| **40** | Survey of incremental/delta network and asset changes of DSS network and updation in GESW database. | No. | 1 | 6,883.00 | 6,883.00 |
| **41** | Cement Concreting for stud pole/stay anchor plate with C.C.1:2:4 as per TPSODL Specification and drawing=0.2cum | No | 2 | 1,300.00 | 2,600.00 |
| **42** | Material for earthing including masonary work for earth pit, and cement plate cover including salt, charcoal etc. | Nos | 7 | 1600.00 | 11,200.00 |
| | **Total Rs.** | | | | **400,853.52** |
| | **Construction of brick bondary wall fencing with sand and metal spreading** | | | | |
| **43** | Brick boundary wall for fencing, sand Filling, Spreading of Aggregate & also including fixing of MS Grill Gate. | R.Mtr | 12 | 7300.12 | 87601.42 |
| **44** | Construction of brick bondary wall with sand, metal spreading & Plinth Foundation (M) | | | | |

| | | | | | |
|---|---|---|---|---|---|
| | **Construction of Plinth** | | | | |
| **45** | Civil cost for making TRF plinth from 100KVA of upto 1000KVA. Provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing | No | 1 | 32181.60 | 32181.60 |
| **46** | Civil cost for making Plinth for LTDB. Provide necessary civil material amnpower, Machinery for Construction of plinth as per standard drawing | No | 1 | 6000.00 | 6000.00 |
| | | | | | **526636.54** |
| | **Sub Total Rs.** | | | | **₹ 647,013.51** |
| | **Cess @ 1%** | | | | **₹ 6,470.14** |
| | **Total Estimated Cost** | | | | **₹ 653,483.65** |
| | **Total Estimated Cost in Figures** | | | | **₹ 653,484.00** |
| EXCESS | ☐ LESS ☐ (Please Tick) | **In Figure** ______________ **%**<br>**In word** _______________________________**%** | | | |
| Quoted Amount in Figure | | | | | |
| Quoted Amount in word | | | | | |

N:B- The Estimated cost is exclusive of GST .

**Signature of Tenderer with seal**

**Sd/-**
**Asst. Project Manager (Elect)**

**Sd/-**
**Dy. Manager (Elect)**

**Sd/-**
**Project Manager (Elect)**